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NAS JACKSONVILLE  
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U S NAVY COMMENTS ON SAMPLING AND ANALYSIS PLAN REPORT POTENTIAL  
SOURCE OF CONTAMINATION 55 (PSC55) NAS JACKSONVILLE FL

6/20/2011  
U S NAVY

UFP-SAP Review

Reviewer: NAS Jacksonville Partnering Team

Document: PSC 55

Date: 20-Jun-11

Comment Number	Worksheet and/or Section	Reviewer	Statement or Issue	Comment	Response to Comment
1	10	Tim Curtin, NAVFAC SE IR Manager		Page 28, sect 10.2, line 4: The site is not relatively flat. There are large berms within the site. It is generally believed that the sludge from the old east side wastewater treatment plant were piped to this bermed area for drying.	Text has been changed: "The area associated with PSC 55 is heavily wooded, there are large berms within the site which will be surveyed to include their vertical dimension, and contains vast vegetation that may be associated with wet low-lying areas that drain into the St. Johns River."
2	10	Tim Curtin, NAVFAC SE IR Manager		I recommend that the berms be surveyed to include their vertical dimension, perhaps with a GPS because the site is very overgrown with trees and other vegetation.	Text has been changed to include comment.
3	10	Tim Curtin, NAVFAC SE IR Manager		It will be extremely difficult to get a DPT rig around the site due to the trees and the berms.	Partnering team decided hand auger temp wells would suffice for initial stage of the investigation.
4	11	Tim Curtin, NAVFAC SE IR Manager		Page 41, line 9: Change "late 2010" to "early 2011".	Text has been changed
5	14	Tim Curtin, NAVFAC SE IR Manager		Page 46, Section 14.1: Add "elevation survey by GPS".	Text has been changed
6	14	Tim Curtin, NAVFAC SE IR Manager		Page 48, Section 14.7: Will it be necessary to remove the accumulated dead vegetation layer prior to sampling the surface soil? This dead vegetation has been accumulating for as long as perhaps 50 years.	Text has been changed to include comment.
7	17	Tim Curtin, NAVFAC SE IR Manager		What are "soil horizons"?	A specific and distinct layer of soil which differs from layers above and beneath.

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8	10	David Grabka, FDEP RPM		In Table 10-1 on page 30 and 31, the units for the Department's soil cleanup target levels (SCTLs) are presented as µg/kg, where they should be mg/kg. Also, the table lists a residential and an industrial SCTL for calcium, which I do not believe had SCTLs. Also, the table says thallium did not have SCTLs, which I believe is in error. Please check through the entire table and make sure the values shown are correct.	The table has been corrected.
9	11	David Grabka, FDEP RPM		In Section 11.4, page 41, last sentence of first paragraph, please identify more options that applying LUCs or NFA. Other options could include an Interim Removal Action, the preparation of an EE/CA. Also, please change the word "necessary" with the word "appropriate"	Text has been changed to include comment.
10	15	David Grabka, FDEP RPM		In SAP Worksheet #15, Matrix Groundwater, Metals Analytical Group, pages 58 and 59, please verify that background groundwater quality at Naval Air Station Jacksonville is as poor as presented in the table. The table indicates background groundwater exceeds the primary MCLs for antimony, arsenic, beryllium, cadmium, and lead; the secondary MCLs for aluminum, iron and manganese, some by several orders of magnitude; and the GCTL for vanadium.	Values are correct, please refer to Appendix A for Background Values.
11	17	David Grabka, FDEP RPM		In Figure 17-1, page 63, according to the legend yellow dots are proposed sampling locations. There are thirty dots on the figure. However, only ten locations are actual sampling locations. This figure should be cleared up to only depict actual sampling locations. Also, sampling location 55S09 is depicted twice, while sampling location 55S05 is not depicted at all.	Comment noted, figure will be updated, extra locations are step out locations if needed.
12	10	Adrienne Wilson, NAVFAC SE RPM		1. Table 10-1 Why is magnesium bolded for JAX-PSC55-31004-it is not above the SCTL?	Magnesium has been unbolded.
13	11	Adrienne Wilson, NAVFAC SE RPM		Pg 41 Analytic approach why not use the flow diagram (as in the UFPSAP LUC no ROD). Is that only for the a later phase not for an SI?	Comment noted, approach is essentially the same.

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14		Adrienne Wilson, NAVFAC SE RPM		PAL is not defined in the acronym list.	Added the acronym PAL to the Acronym List.
15	Figure 17-1 WS#17 and 18	Pete Dao		<p>There are more locations than can be accounted in the work sheet making it difficult to correlate the proposed sampling locations shown on the figure with the ones listed in the table. Please correct.</p> <p>Need to add SVOC and VOC analysis for at least one soil sample location and several for ground water in order to eliminate this group as COPC since initial sample consist of only one sample and is insufficient for determining COPC.</p> <p>Why are surface soil samples limited to metals only when deeper soil are analyzed for metals and PCBs?</p>	<p>Figure 17-1 has been corrected.</p> <p>SVOC and VOC analysis has been added to the groundwater and soil sampling for 4 locations each.</p> <p>PCBs has been added to the 0 to 6-inch interval sample analysis.</p>
16	21	Pete Dao		correct the error for the hyperlink reference	Corrected